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of Engineers

FY07 Key Accomplishments



- Monroe Harbor
- Manistee Harbor
- Burns Harbor
- Cleveland Harbor
- Indiana Harbor
- Ashtabula Harbor





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Monroe Harbor, MI

- Significant shoaling up to 4 ft in places
- Caused significant problems with efficiency, cost, and safety of coal delivery
- Conditions forced light loading and unsafe off-loading practices
- Division worked a reprogramming action, securing funds from Detroit and other Districts
- Dredged 75k cubic yards; restored safe operations





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Monroe Harbor, MI

Prior to Dredging



After Dredging





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Manistee Harbor, MI

- Channel shoaling problems reported in late fall 2006; 4-5 ft shoals
- Coal deliveries in jeopardy
- Power plant would have been forced to shut down
- Reprogramming action securing funds from within Detroit District
- Dredged 86k cubic yards
- Met coal delivery needs





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Burns Harbor, IN

- Unanticipated need for dredging exacerbated by low lake levels
- Shifted funds from breakwater repair to dredging
- Excellent support by Regulatory agencies and port authority
- Dredged 97k cubic yards



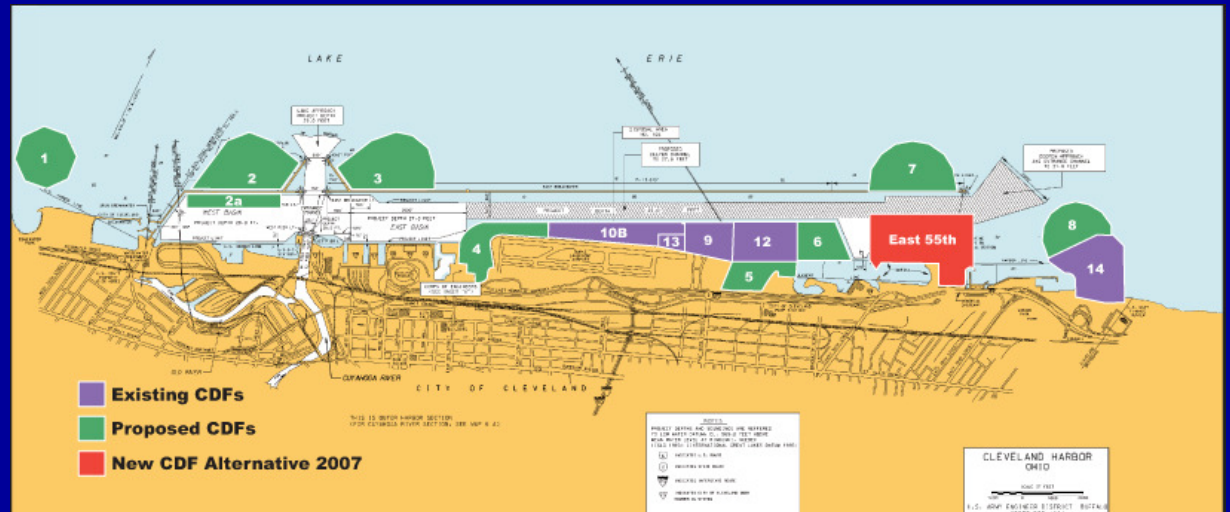


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Cleveland Harbor, OH



- Interim Capacity Dike 12
- Spring and Fall Dredging
- Dredged Material Management Plan
- Breakwater Repair





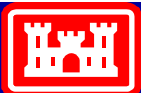
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Indiana Harbor, IN

- 2M cubic yard backlog, last dredged in 1972
- Construction of new CDF 80% complete
- \$37M needed to complete CDF construction
- 20 year Capacity
- Dredging Scheduled for FY10





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Ashtabula Harbor, OH

MAINTENANCE DREDGING

STATUS - USACE

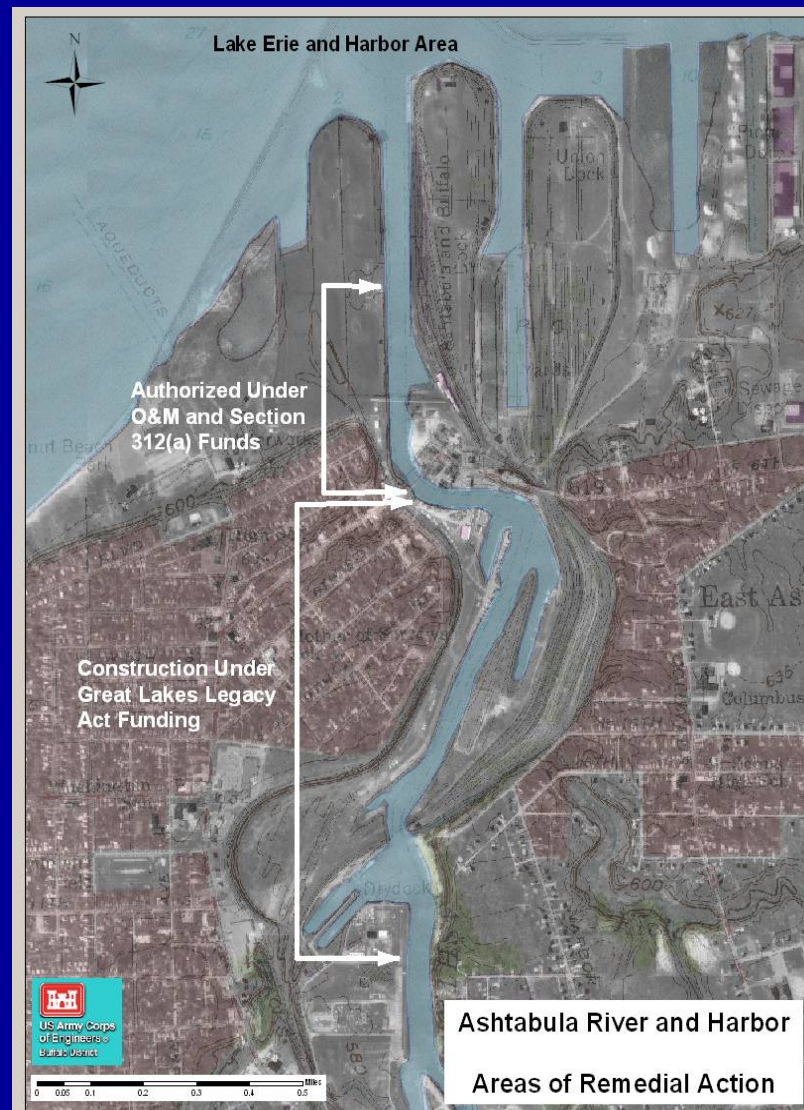
- 135,000 cu yd of contaminated sediment
- Metals, RAD, organics and to a lesser extent PCB represent constituents of concern
- Dedicated landfill available to the project
- O&M and WRDA 312(a); Initial USACE use of WRDA 312(a) authority
- PCA completed; O&M funds in place
- MARC chosen as acquisition strategy
- Dredging to commence NLT 11 May 2008
- Dredging to be completed by NLT 30 July 2008

STATUS – US EPA

- First pass dredging completed to 5th Street Bridge
- ~3,000 cu yd/day followed by minor clean-up
- Dredging completed on 14 November

ISSUES

- River reevaluation in 2010 will precede ODNR recommendation to delist the AOC
- Lower River and Outer Harbor low-level contamination (<0.5 ppm PCB)





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Great Lakes
Navigation System

Questions?

Chief of Operations:

- Kathy Griffin, Buffalo District
(716) 879-4315
Kathy.M.Griffin@usace.army.mil
- Shamel Abou-El-Seoud, Chicago District
(312) 846-5470
Shamel.Abou-El-Seoud@usace.army.mil
- Wayne Schloop, Detroit District
(313) 226-5013
Wayne.Schloop@usace.army.mil